



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/633,239	08/01/2003	Chun Ying	CN920020005US1	2456
54856	7590	02/02/2006	EXAMINER	
LOUIS PAUL HERZBERG 3 CLOVERDALE LANE MONSEY, NY 10952			LE, DANH C	
			ART UNIT	PAPER NUMBER
			2683	
DATE MAILED: 02/02/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/633,239	Applicant(s) YING ET AL.	
	Examiner DANH C. LE	Art Unit 2683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 10-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8, 10, 12 and 20 is/are allowed.
- 6) ☒ Claim(s) 1-7, 11, 15 and 21-27 is/are rejected.
- 7) ☒ Claim(s) 13, 14 and 16-19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. Claims 24-25, 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to claims 24, 25, 27, the limitations of the claims recited on the program coding software in which depends on claims 23 that describing the claims of the system.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims are rejected under 35 U.S.C. 103(a) as being unpatentable over Mousseau (US 2002/0194285).**

As to claim 1, Mousseau teaches an environment aware message delivery system (figure 6 and paragraph 0020), comprising:

- a portable message redirection agent carried by a user (214B); and
- a message delivery service manager (202) for managing candidate message terminals to provide message delivery services for the user, wherein when the user moving over to a place, said message redirection agent cooperates with said message

delivery service manager located in the environment around the user to select a message terminal.

Xx fails to teach the user select a message terminal from candidate message terminals in the environment as a target message terminal, and request a message redirection entity to redirect the message addressed to the user to the target message terminal. Yy teaches the user select a message terminal from candidate message terminals in the environment as a target message terminal, and request a message redirection entity to redirect the message addressed to the user to the target message terminal (figure 9). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of yy into the system of xx in order to routing the calls automatically to desired telephone stations.

As to claim 2, Mousseau and yy teaches teaches a system according to claim 1, wherein said message redirection agent cooperates with said message delivery service manager in the environment around the user by means of a short range wireless communication network (paragraph 0071).

As to claim 3, Mousseau and yy teaches a system according to claim 2, wherein said short range wireless communication network is Bluetooth wireless communication network (paragraph 0071).

As to claim 5, Mousseau and yy teaches a system according to claim 1, wherein said message redirection agent runs in portable pervasive computing devices such as cell phone or PDA (214B).

As to claim 7, Mousseau and yy teaches a system according to claim 1, wherein said message redirection entity is PBX (paragraph 0033).

As to claim 11, Mousseau and yy teaches a system according of claim 1, wherein said message redirection agent comprises a message redirection service discoverer for sending service requests to said message delivery service manager (paragraph 0053).

As to claim 15, Mousseau and yy teaches a system according to claim 1, wherein said system comprises a plurality of message delivery service managers, running in various message terminals respectively (paragraph 0080).

As to claim 21, the claim is a method claim of claim 1; therefore the claim is interpreted and rejected as set forth as claim 1.

As to claim 22, the claim is an apparatus claim of claim 1; therefore the claim is interpreted and rejected as set forth as claim 1.

As to claim 23, Mousseau and yy teaches a message delivery service manager (figure 6, 202), characterized by:

when a user moves over to a place, said message delivery service manager in the environment around the user cooperating with a portable message redirection agent carried by the user, selects a message terminal from the candidate message terminals in the environment as a target message terminal and requests a message redirection entity to redirect the message addressed to the user to the target message terminal.

As to claim 26, the claim is a computer program claim of claim 1; therefore the claim is interpreted and rejected as set forth as claim 1.

3. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mousseau in view of Zhu (US 2003/0134596).

As to claim 4, Mousseau teaches a system according to claim 1, Mousseau fails to teach said message redirection agent cooperates with said message delivery service manager in the environment around the user by means of a USB interface. Zhu teaches the message redirection agent cooperates with said message delivery service manager in the environment around the user by means of a USB interface (paragraph 010). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of Zhu into the system of Mousseau in order to transmit and receive the data for the system.

4. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mousseau in view of Logan (US 2005/0054290).

As to claim 6, Mousseau teaches a system according to claim 1, Mousseau fails to teach said message redirection agent runs in Blue badges. Logan teaches the message redirection agent runs in Blue badges (paragraph 0058). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of Logan into the system of Mousseau in order to local certain users who carry the blue badge.

Allowable Subject Matter

Claims 13, 14, 16-18 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

As to claims 13, 14, 16-18 19, the teaching of above prior arts either alone or in combination fails to teach a message redirection service discoverer for sending service requests to said message delivery service manager, and receiving service information from said message delivery service manager and a message redirection manager for maintaining message redirection service list, configuring the message redirection policy and selecting the target message terminal.

Claims 8, 10, 12, 20 are allowed as stated in the previous Office Action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANH C. LE whose telephone number is 571-272-7868. The examiner can normally be reached on 8:00AM-5:00PM.

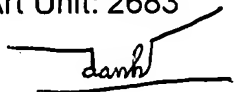
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM TROST can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/633,239

Page 7

Art Unit: 2683

A handwritten signature in cursive script, appearing to read "danh", is written over a horizontal line.

January 27, 2006.

DANH CONG LE
PRIMARY EXAMINER